

CREATIVE MATH.
15 (2006), 167 - 170

Regarding the impossibility of drawing a regular heptagon with the ruler and the compass

ISTVÁN HUBA ATILLA SASS

ABSTRACT. This paper analyzes why a regular heptagon, for a given circumradius, cannot be drawn with the ruler and the compass. The demonstration is done with the help of complex numbers.

NORTH UNIVERSITY OF BAIA MARE
DEPARTMENT OF MATHEMATIS AND COMPUTER SCIENCE
VICTORIEI 76, 430122 BAIA MARE, ROMANIA
E-mail address: hubasass@yahoo.com